CONTENTS

Vol. 51, 1962

Research Reports

BERGLUND, GUNILLA: Plasma Transfusion Treatment of Six Children with Idiopathic Thrombocytopenic Purpura 523

BERGSTRAND, C. G. and OTTO, U.: Suicidal Attempts in Adolescence and Childhood 17

BERNHARD, C. G., KAISER, I. H. and KOLMODIN, G. M.: On the Epileptogenic Properties of the Fetal Brain. An Electrophysiological Study on the Electrically and Chemically Induced Convulsive Brain Activity in Sheep Fetuses 81

BJURE, J., NILSSON, L. R. and PLUM, C. M.: Familial Neutropenia Possibly Caused by Deficiency of a Plasma Factor 497

BODA, D. and MURÁNYI, L.: Ventilation Studies in Children of Different ages 427

BODA, D. and MURÁNYI, L.: Ventilation Studies in Pneumonia of Infants and Children 490

BONNET, F., GEUBELLE, F. and GOFFIN, C.: The Influence of the Body Position and the Orthopedic Thoraco-Abdominal Appliance on the Lung Volumes in Poliomyelitic Patients 553

BRANDBERG, O. and RUNDBERG, B.: Chronically Disturbed Children. Studies of the Incidence and the Care of Children who are Chronic Invalids 41

CELANDER, O. and MÅRILD, K.: Regional Circulation and Capillary Filtration in Relation to Capillary Exchange in the Foot and Calf of the Newborn Infant 385

CELANDER, O. and MÅRILD, K.: Reactive Hyperemia in the Foot and Calf of the Newborn Infant 544

CHAKRAVARTY, A. and VAHLQUIST, B.: The Pattern of Blood Disorders in Swedish Children. An Analysis of a Clinical Material from a 10-Year Period 635

CHOREMIS, C., KATTAMIS, C. A. and KANAVAKIS, E. G.: Uropepsin Excretion in Thalassemia 55

CHOREMIS, C. and LEONIDAS, J.: Serum Transaminases in Diptheritic Myocarditis, Their Relation to Electrocardiographic Findings 293

CORT, R. L.: Renal Function in the Respiratory Distress Syndrome 313

CULLEN, C. H. and HARGADON, E. J.: Penicillin Versus Tetracycline in the Treatment of Childhood Osteomyelitis 189

DYGGVE, H. V., SØNDERGAARD, E. and DAM, H.: Effect of Synkavit and Vikastab on Bilirubin and Plasma Prothrombin 165

DYGGVE, H. V.: Prognosis in Meningitis Neonatorum 303

ENGLESON, G. and NILSSON, S.-B.: Insulin Antibodies in Juvenile Diabetes. 433

ENGSTRÖM, I., KARLBERG, P. and SWARTS, C. L.: Respiratory Studies in Children. IX. Mechanics of Breathing, Static Lung Volume and Ventilatory Capacity in Healthy Children 7–15 Years of Age 68

ENGSTRÖM, I. and KARLBERG, P.: Respiratory Studies in Children. X. Lung Volumes in Relation to Ventilatory Capacity and Mechanical Properties of the Lungs in Symptomfree Asthmatic Children 529

FORSSMAN, H. and LEHMANN, O.: Chromosome Studies in Eleven Families with Mongolism in More than One Member 180

GARBY, L. and VUILLE, J.-C.: Studies on Erythro-Kinetics in Infancy. I. A Modified One-Minute Alkali Denaturation Method for Hemoglobin F Determination: Agreement with Spectrophotometric Method 197

GARBY, L., SJÖLIN, S. and VUILLE, J.-C.: Studies on Erythro-Kinetics in Infancy. II. The Relative Role of Synthesis of

Hemoglobin F and Hemoglobin A during the First Months of Life 245

GELDEREN, H. H. VAN: Studies in Oligophrenia. I. Growth in Mentally Deficient Children 643

GENTZ, J., LEHMANN, O. and ZETTERSTRÖM, R.: Studies on Leucin-Induced Hypoglycemia 169

GEUBELLE, F. and GOFFIN, C.: Respiratory Studies in Children. IV. Lund Volumens and Body Positions in Healthy Children 255

HALONEN, P., PETTAY, O. and SALMI, I.: Virological Diagnosis of Measles 27

HALONEN, P., FORSSELL, P., HALONEN, H., PETTAY, O., STENSTRÖM, R., ÖHMAN, S. and OKER-BLOM, N.: Clinical and Immunological Studies on a Live Attenuated Measles Virus Vaccine in Infants and Children 401

HALONEN, P., KAUTHIO, J., LAMY, M., LAPONLEIMU, K., PENTTINEN, K., PERHEENTUPA, J., TAMMILEHTO, R. and TÖRNBLOM, N.: Studies on Combined Adsorbed Poliomyelitis-DTP Vaccine. Poliomyelitis Antibody Responses of Children to Primary Immunization 409

HALVORSEN, S. and AAS, K.: Observations on the Urine of Asphyxiated and Dysmature Newborn Infants 417

HANSON, L. Å. and ANDERSEN, H. J.: A Comparison of the Antigenic Relationships of Human Milk and Goat's Milk to Bovine Milk 509

HELFANT, M. H., BÖRJESON, M. and HELLSTRÖM, B.: The Value of Urinary Sediment Examination as a Screening Method in Suspected Cases of Metachromatic Leucodystrophy 49

HELLSTRÖM, B. and VASELLA, F.: Tryptophan Metabolism in Infantile Spasm 665

HERRLIN, K.-M. and HILLBORG, P. O.: Neurological Signs in a Juvenile Form of Gaucher's Disease 137

JUSTENSEN, L.: Cranial Circumference of Premature Children 13

KARLBERG, P., CHERRY, R. B., ESCARDÓ, F. E. and KOCH, G.: Respiratory Studies in Newborn Infants. II. Pulmonary Ventilation and Mechanics of Breathing in the First Minutes of Life, Including the Onset of Respiration 121

KARLBERG, P., MOORE, R. E. and OLIVER, T. K.: The Thermogenic Response of the Newborn Infant to Noradrenaline 284

KEITEL, H. G., REINER, B. and TING, R.: Studies in Modified Ad Libitum Feeding of Premature Infants 277

LEHMANN, O. and FORSSMAN, H.: Familial Mongolism with Chromosomal Translocation also observed in Normal Boy Member 6

LIVADITIS, A. and ERICSSON, N. O.: Essential Hematuria in Children. Prognostic Aspects 630

LUNDSTRÖM, R., LYSELL, L. and BERGHAGEN, N.: Dental Development in Children Following Maternal Rubella 155

LYCKE, E. and NILSSON, L. R.: Poliomyelitis in a Newborn Due to Intrauterine Infection 661

MELICHAR, V., NOVÁK, M., HAHN, P., KOLDOVSKY, O. and ZEMAN, L.: Changes in the Blood Levels of Lipoid Metabolites and Glucose Following a Fatty Meal in Infants 481

MELLBIN, T.: Sero-Immune Patterns for Poliomyelitis and Mumps in Children of Nomad Lapps 33

PULKKINEN, M., SALMI, H. A. and SAVOLA, P.: The Ponderal Growth of Human Organs in Early Fetal Life. II. Non-Glandular Organs 380

PULKKINEN, M., SALMI, H. A. and SAVOLA, P.: The Development of the Nitrogen Content of Human Organs in Early Fetal Life. I. Glandular Organs 513

SALMI, H. A., PULKKINEN, M. and SAVOLA, P.: The Ponderal Growth of Human Organs in Early Fetal Life. I. Glandular Organs 375

SALMI, H. A., PULKKINEN, M. and SAVOLA, P.: The Development of the Nitrogen Content of Human Organs in Early Fetal Life. II. Non-Glandular Organs 518

SELANDER, P.: The Frequency of Cystic Fibrosis of the Pancreas in Sweden 65

SEVASTIKOGLOU, J. A.: Biochemical Studies on the Skeleton of Insulin-Induced Micromelia in Chickens 60

STERNER, G. and KJELLÉN, L.: The Occurrence of Adenovirus in Hospitalized Swedish Children 621
STERNER, G. and SVARTZ-MALMBERG, G.: Adenovirus Neutralizing Antibodies in Swedish Children 617
SYDOW, G. VON and RANSTRÖM, S.: Familial Juvenile Nephronophthisis 561
THALME, B.: Calcium, Chloride, Cholesterol, Inorganic Phosphorus and Total Protein in Blood Plasma during the Early Neonatal Period. Studies with Ultramicrochemical Methods 649
TORUP, E.: A Follow-Up Study of Children with Tics 261
WALLGREN, A.: Wilhelm Wernstedt (Obituary) 369
WALLGREN, A.: EDITORIAL (The First 50 Volumes of *Acta Pædiatrica*) 1
WALSH, S. Z.: The Incidence of External Hernias in Premature Infants 161
WEIJERS, H. A. and KAMER, J. H. VAN DE: Diarrhoea Caused by Deficiency of Sugar-Splitting Enzymes. II. 371
WESTIN, B., MILLER, J. A. JR. and BOLES, A.: Gastro-Intestinal Oxygen Insufflation in the Treament of Neonatal Anoxia in Normo- and Hypothermic Guinea Pigs 269

Case Reports

BRODELIUS, Å., JOHANSSON, B. W. and SIEVERS, J.: Anomalous Inferior Vena Cava with Azygous and Hemiazygous Continuation 331
BRÜNNER, S. and ROVSING, H.: Spontaneous Subluxation of the Atlanto-Axial Joint 88
DAUPESLAND, T.: Progeria 438
GUSTAVSON, K.-H.: Chrosomal Translocation in a Mongoloid Girl with Some Atypical Features 337
GUSTAVSON, K.-H., IVEMARK, B. I., ZETTERQUIST, P. and BÖÖK, J. A.: Post-Mortem Diagnosis of a New Double-Trisomy Associated with Cardiovascular and Other Anomalies 686
HOLMLUND, D.: A Case of Non-Lipoid Granulomatosis (Letterer-Siwe Disease) Observed for 15 Years 324
JENSEN, K. G.: Meconium-Ileus Equivalent in a 15-Year-Old Patient with Mucoviscidosis 344
KHALIL, M. and IBRAHIM, A.-H.: The Treatment of Aplastic Anemia with Anabolic Steroids 201
LJUNGQVIST, A. and WALLGREN, G.: Unilateral Renal Artery Stenosis and Fatal Arterial Hypertension in a Newborn Infant 575
THAMDEUP, E. and ZACHAU-CHRISTIANSEN, B.: Dysplasia Epiphysialis Punctata 589
TIPS, R. L. and LYNCH, H. T.: Malignant Congenital Osteopetrosis Resulting from a Consanguineous Marriage 585
VESTERMARK, S.: Primary Endocardial Fibroelastosis in Siblings 94

Review Articles and Progress in Pediatrics

COCHRAN, W.: Infantile Cortical Hyperostosis. A Review with Illustrative Case Report 442
CRAWFORD, J. S.: Cord Round the Neck. Incidence and Sequelae 594
EKELUND, H., LAURELL, G., MELANDER, S. OLDING, L. and VAHLQUIST, B.: Listeria Infection in the Fetus and the Newborn. A Clinical, Pathological and Epidemiological Study 698
INGRAM, T. T. S.: Congenital Ataxic Syndromes in Cerebral Palsy 209
JESPERSEN, H. G.: Hereditary Dysplasia of Anhidrotic Type. A Report of Three Cases in Boys Aged 3–4 Months 712
STERNER, G. and TURNEVALL, G.: Acute Respiratory Illness in Children. A Combined Bacteriological and Virological Study 349

Procedings of Pediatric Societies

Danish Pediatric Society

Sept. 14 1960 p. 222, Sept. 28 1960 p. 223, Oct. 14 1960 p. 223, Nov. 9 1960 p. 225, Dec. 6 1960 p. 226, Feb. 8 1961 p. 226,

March 15 1961 p. 227, April 12 1961 p. 228, May 17 1961 p. 228.

Finnish Pediatric Society

June 4 1960 p. 97, Oct. 10 1960 p. 98, Dec. 5 1960 p. 98, Feb. 18 1961 p. 99, April 5 1961 p. 99, May 10 1961 p. 102, Sept. 8 1961 p. 727, Oct. 21 1961 p. 727, Dec. 9. 1961 p. 730.

Norwegian Pediatric Society

Sept. 23 1960 p. 102, Oct. 28 1960 p. 104, Jan. 27 1961 p. 110, March 1 1961 p. 465, April 14 1961 p. 465, June 3 1961 p. 466, Sept. 22 1961 p. 468, Oct. 26 1961 p. 471, Nov. 24 1961 p. 472.

Pediatric Society of South Sweden

April 16 1961 p. 231

Swedish Pediatric Society

March 10 1961 p. 111, March 11 1961 p. 232, April 24 1961 p. 116, May 27 1961 p. 116, June 20 1961 p. 118, Sept. 2 1961 p. 237, Oct. 13 1961 p. 238, Dec. 1 1961 p. 454, Dec. 2 1961 p. 460, Jan. 12 1962 p. 460, Jan. 31 1962 p. 462, Feb. 9 1962 p. 462.

Supplements published in 1962

LARSSON, YNGVE and STERKY, GÖRAN: Long-Term Prognosis in Juvenile Diabetes Mellitus. Supplement 130, Summary 359

MELLBIN, TORE: The Children of Swedish Nomad Lapps. A Study of their Health, Growth and Development. Supplement 131. Summary 362

BÖRJESON, M.: Overweight Children. Supplement 132. Summary 604

LUNDSTRÖM, R.: Rubella During Pregnancy. A Follow-Up Study of Children born after an Epidemic of Rubella in Sweden 1951, with Additional Investigations on Prophylaxis and Treatment of Maternal Rubella. Supplement 133. Summary 606

MÖLLER, T.: Shunt Operations in Morbus Caeruleus. Results in 161 Cases and Clinical Follow-Up. Supplement 134. Summary 609

In Honour of Curt Gyllenswärd at his Retirement from the Professorship of Pediatrics at Karolinska Institutet. Supplement 135. Summary 612

BILLE, BO.: Migraine in School Children. A Study of the Incidence and Short-term Prognosis and a Clinical, Psychological and Electroencephalographic Comparison between Children with Migraine and Matched Controls. Supplement 136. Summary 614

HANSEN, A. E., STEWART, R. A., HUGHES, G. and SÖDERHJELM, L.: The Relation of Linoleic Acid to Infant Feeding. A Review. Supplement 137. Summary 721

WALLGREN, ERIC IVAR: Pulmonary and Renal Circulation in Children with Patent Ductus Arteriosus. Pre- and Postoperative Studies of Thirty-Four Cases. Supplement 138. Summary 723

WESTIN, B., NYBERG, R., MILLER, J. A. Jr. and WEDENBERG, E.: Hypothermia and Transfusion with Oxygenated Blood in the Treatment of Asphyxia Neonatorum. Supplement 139. Summary 725.

Announcements

119, 243, 368.

Book Reviews

CAFFEY, John: Pediatric X-Ray Diagnosis. 365

CHRISTOPHE, J.: Contribution à la biochemie des obésités expérimentales. 242

FARR, LEE E., KNIPPING, H. W. and Lewis, WILLIAM, H.: Clinical Aspects of Nuclear Medicine. 480

GINOTT, HAIM, G.: Group Psychotherapy with Children. The Theory and Practice of Play Therapy. 365

HAGBARD, LARS: Pregnancy and Diabetes Mellitus. 731

HAHN, P. (Editor): The Development of Homeostasis. Symposia CSAV. 478

Hemiplegic Cerebral Palsy in Children and

Adults. Little Club Clinics in Development Medicine No. 4. 477

KELLER, W. and WISKOTT, A.: Lehrbuch der Kinderheilkunde. 120

KUKOWKA, A. (Editor): Poliomyelitisprobleme. 476

LINDEMANN, GERHARD: Refraktometrie der Frauenmilch. 241

MACKEITH, R. and SANDLER, J. (Editors): Psychosomatic Aspects of Paediatrics. 476

Parenterale Ernährung. Nutritio et Dieta. 732

PEELE, TALMAGE L.: The Neuroanatomic Basis for Clinical Neurology. 732

POTTER, E. L.: Pathology of the Fetus and the Infant. 474

ROSSI, E. (Editor): Postgraduate Courses in Pediatrics. Diagnose und Therapie cerebraler Lähmungen im Kindesalter. 474

SCHWARTZ, PH.: Birth Injuries of the Newborn. 242

SIEGENTHALER, WALTER: Klinische Physiologie und Pathologie des Wasser- und Salzhaushaltes. 478

SILVERMAN, WILLIAM A.: Dunham's Premature Infants. 731

STEVENSON, A. C. (Editor): Human Genetics. 240

STRÖDER, J. (Editor): Pädiatrische Fortbildung. 480

THAMDRUP, ERIK: Precocious Sexual Development. 241

TIMMER, M.: Child Mortality and Population Pressure in the D. I. Jogjakarta, Java, Indonesia. 479

WEECH, ASHLEY A. and COLLABORATORS: The McIntosh Era at Babies' Hospital, 1931–1960. 475

WEISFEILER, J. (Editor): The Control of Poliomyelitis by Live Poliovirus Vaccine. 365.

WOLSTENHOLME, G. E. W. and O'CONNOR, MAEVE (Editors): A Ciba Foundation Symposium on Somatic Stability in the Newly Born. 476

WÜRST, FRANZ, WASSERTHEURER, HANS-JÖRG and KIMESWENGER, KARLA: Entwicklung und Umwelt des Landkindes. 366

GENERAL INDEX

Author Index

Aagard, K. 223, 225
Aas, K. and Gardborg, O. 110
Aas, K. and Halvorsen, S. 104, 417
Abolins, J. A. Suppl 135: 8
Ahnsjö, S. and Lundström, R. Suppl 135: 153
Alvin, A. 111
Andersen, H. 225
Andersen, H. J. and Hanson, L. Å. 509
Ask-Upmark, E. Suppl 135: 14
Åstrand, P.-O. *et al.* 464

Berghagen, N. *et al.* 155
Bernhard, C. G. *et al.* 81
Berglund, G. 457, 523
Bergstrand, A. *et al.* 462
Bergstrand, C. G. and Otto, U. 17
Bergstrand, C. G. *et al.* 462, Suppl 135: 21
Bille, B. 614, Suppl 136
Birke, G. *et al.* 461
Björk, V. O. *et al.* 116
Bjure, J. *et al.* 497
Boda, D. and Murányi, L. 427, 490
Boles, A. *et al.* 269
Bonnet, F. *et al.* 553
Böök, J. A. *et al.* 686
Börjeson, M. *et al.* 49
Borglin, N. E. and Selander, P. Suppl 135: 28
Bosma, J. and Lind, J. Suppl 135: 32
Brandberg, O. and Rundberg, B. 41
Brandt, Sv. 229
Brante, G. *et al.* 456
Brodelius, Å. *et al.* 331
Brünner, S. and Rovsing, H. 88

Carré, I. J. 228
Cedergren, B. *et al.* Suppl 135: 45
Celander, O. and Mårild, K. 385, 544
Chakravarthy, A. and Vahlquist, B. 635
Cherry, R. B. *et al.* 121
Choremis, C. and Leonidas, J. 293
Choremis, C. *et al.* 55
Cochran, W. 442
Cort, R. L. 313
Crawford, J. S. 594
Cullen, C. H. and Hargadon, E. J. 189
Czar, B. *et al.* Suppl 135: 121

Dahlqvist, A. 454
Dam, H. *et al.* 165
Djupesland, T. 438
Dyggve, H. 303
Dyggve, H. V. *et al.* 165

Edgren, G. 232
Ehrenborg, G. and Engfeldt, B. 114
Ehrenpreis, Th. *et al.* 238
Ekelund, H. *et al.* 698
Ekengren, K. and Herrlin, K.-M. 463
Ekman, C.-E. and Grenvik, Å. 113
Engfeldt, B. and Ehrenborg, G. 114
Engleson, G. and Nilsson, S.-B. 433
Engström, I. and Karlberg, P. 529
Engström, I. *et al.* 68
Engström, L. *et al.* 464
Engström, N. *et al.* 462
Eriksson, B. *et al.* 464
Ericsson, N. O. and Livaditis, A. 630
Escardó, F. E. *et al.* 121
Espmark, S. *et al.* 461
Euler, U. von and Larsson, Y. 463

Forssell, P. *et al.* 401
Forssman, H. A. and Lehmann, O. 6, 180
Fraccaro, M. *et al.* 459
Fretheim, B. 465
Friis-Hansen, B. 229
Fürst, P. *et al.* Suppl 135: 111

Garby, L. and Vuille, J.-C. 197
Garby, L. *et al.* 245
Gard, S. 233
Gardborg, O. and Aas, K. 110
Gardborg, O. *et al.* 471
Gelderen, H. H. van 643

Gentz, J. *et al.* 169
Gerzén, P. *et al.* 461
Geubelle, F. and Goffin, C. 255
Geubelle, F. *et al.* 553
Gissin, A. *et al.* 461
Goffin, C. and Geubelle, F. 255
Goffin, C. *et al.* 553
Gottfarb, L. *et al.* 457
Grenvik, Å. and Ekman, C.-E. 113
Gustavson, K.-H. 337
Gustavson, K.-H. *et al.* 686
Gyllenswärd, C. Jubilee Volume 612, Suppl 135
Gyllenswärd, Å. and Holmgren, G. 455
Gyllenswärd, Å. and Malmström, S. Suppl 135: 54

Hadenius, A.-M. *et al.* 117
Hagberg, B. *et al.* 117, Suppl 135: 63
Hahn, P. *et al.* 481
Hall, G. 471
Hansen, A. E. *et al.* 721, Suppl 137
Halonen, P. *et al.* 27, 401, 409
Hamne, B. Suppl 135: 72
Hanson, L. Å. and Andersen, H. J. 509
Hanström, E. and Mossberg, H.-O. 237
Halvorsen, S. and Aas, K. 104, 417
Hargadon, E. J. and Cullen, C. H. 189
Heiberg Solem, G. 468
Helfant, M. H. *et al.* 49
Hellström, B. 232, 258, Suppl 135: 83
Hellström, B. and Vasella, F. 665
Hellström, B. *et al.* 49
Herrlin, K.-H. Suppl 135: 88
Herrlin, K.-H. and Ekengren, K. 463
Herrlin, K.-H. and Hillborg, P. O. 137
Herrlin, K.-H. *et al.* 462
Hillborg, P. O. 464
Hillborg, P. O. and Herrlin, K.-H. 137
Hirvensalo, M. 98
Hjelt, L. 730
Holmgren, G. and Gyllenswärd, Å. 455
Holmlund, D. 324
Hortling, H. 727
Hughes, G. *et al.* 721, Suppl 137
Hyttnäs-Bensch, K. *et al.* 117

Ibrahim, A.-H. and Khalil, M. 201
Ingomar, C. J. and Terslev, E. 230
Ingram, T. T. S. 209
Ivemark, B. and Wallgren, G. 238, Suppl 135: 97
Ivemark, B. *et al.* 686, Suppl 135: 103
Iversen, O. H. *et al.* 471

Janeway, C. A. 99
Järnmark, O. *et al.* Suppl 135: 111
Jensen, K. G. 344
Jensen, P. E. 227
Jespersen, H. G. 712
Johansson, B. W. 331
Jónsson, B. 237
Josephson, B. *et al.* Suppl 135: 111
Justensen, L. 13

Kaiser, I. H. *et al.* 81
Kaijser, K. *et al.* 456
Kamer, J. H. van de and Weijers, H. A. 371
Kanavakis, E. G. *et al.* 55
Karlberg, P. and Engström, I. 529
Karlberg, P. and Koch, G. Suppl 135: 121
Karlberg, P. *et al.* 68, 121, 284, 464
Karlström, F. Suppl 135: 130
Kåss, A. 467
Kattamanis, C. A. *et al.* 55
Kauhtio, J. *et al.* 409
Keitel, H. G. *et al.* 277
Khalil, M. and Ibrahim, A.-H. 201
Kildeberg, P. 225
Kjeldsberg, H. 103
Kjellén, L. and Sterner, G. 460, 621
Knudsen, V. 226
Knutrud, O. 102, 472
Koch, G. and Karlberg, P. Suppl 135: 121
Koch, G. *et al.* 121
Koldovský, O. *et al.* 481
Kolmodin, G. M. *et al.* 81
Koppang, K. B. 467
Kreutzfeldt, H. 227
Kunnas, M. 99

Lagercrantz, R. 104
Lagercrantz, R. *et al.* 238, 457, Suppl 135: 45
Lagerdahl, A. *et al.* 457
Lagergren, C. *et al.* Suppl 135: 103
Lahdensuu, S. 728
Lakinleimu, K. *et al.* 409
Lamy, M. *et al.* 409
Larsson, Y. 459, Suppl 135: 137
Larsson, Y. and Euler, U. von 463

Larsson, Y. and Sterky, G. 359, Suppl 135: 130
Larsson, Y. *et al.* Suppl 135: 165
Laurell, G. *et al.* 698
Lehmann, O. and Forssman, H. A. 6, 180
Lehmann, O. *et al.* 169
Leonidas, J. and Choremis, C. 293
Lind, J. Suppl 135: 5
Lind, J. and Bosma, J. Suppl 135: 32
Liljedahl, S. O. *et al.* 461
Lindquist, B. Suppl 135: 144
Lindquist, B. and Meeuwisse, W. 674
Lindsten, J. *et al.* 459
Livaditis, A. and Ericsson, N. O. 630
Ljunggren, Å. *et al.* 461
Ljungqvist, A. and Wallgren, G. 575
Ljungqvist, A. *et al.* Suppl 135: 103
Lodin, H. *et al.* 116
Lundström, R. and Ahnsjö, S. Suppl 135: 153
Lundström, R. *et al.* 155
Lycke, E. and Nilsson, L. R. 661
Lynch, H. T. and Tips, R. L. 585
Lysell, L. *et al.* 155

Malmgren, B. 232
Malmström, G. 231
Malmström, S. and Gyllenswärd, Å. Suppl 135: 54
Mårild, K. and Celander, O. 385, 544
Meeuwisse, W. and Lindquist, B. 674
Melander, S. *et al.* 698
Melchior, J. 224
Melén, B. 233
Melichar, V. *et al.* 481
Mellbin, T. 33, 362, Suppl 131
Michaelsson, M. 116
Miller, J. A. *et al.* 269, 725, Suppl 139
Moe, P. J. 103
Möller, T. 463, 609, Suppl 134
Moore, R. E. *et al.* 284
Mossberg, H.-O. 237
Mossberg, H.-O. and Hanström, E. 237
Murányi, L. and Boda, D. 427, 490

Nilsson, S. and Engleson, G. 433
Nilsson, L. R. and Lycke, E. 661
Nilsson, L. R. *et al.* 497
Njå, A. 468
Nordenfelt, P. J. 112
Nordenson, N. G. Suppl 135: 160
Nordström, C.-G. *et al.* Suppl 135: 171
Norén, L. *et al.* Suppl 135: 45
Novák, M. *et al.* 481
Nyberg, R. *et al.* 725, Suppl 139
Nylander, I. *et al.* 464

Öckerman, P. A. *et al.* 456
Öhman, S. *et al.* 401
Oker Blom, N. *et al.* 401
Okmian, L. and Südow, G. 115
Olding, L. *et al.* 698
Oliver, T. K. *et al.* 284
Otto, U. and Bergstrand, C. G. 17

Paloheimo, M. 728
Pehrson, M. *et al.* 459
Pennanen, E. 728
Penttinen, K. *et al.* 409
Perheentupa, J. *et al.* 409
Persson, B. *et al.* Suppl 135: 165
Pettay, O. *et al.* 27, 401
Peterson, P. O. *et al.* 116
Plum, C. M. *et al.* 497
Plum, P. and Thorn, I. 224
Probst, J. H. 226
Pulkkinen, M. *et al.* 375, 513, 518

Qvist, Q. 113

Rafstedt, S. 231
Räihä, C. E. *et al.* Suppl 135: 171
Räihä, N. C. R. *et al.* Suppl 135: 171
Ranström, S. and Sydow, G. von 561
Reiner, B. *et al.* 277
Robertson, B. and Sundelin, P. Suppl 135: 178
Rovsing, H. and Brünner, S. 88
Rudhe, U. *et al.* 238
Rundberg, B. and Brandberg, O. 41
Ryssing, E. 228, 229

Salmi, H. A. *et al.* 375, 518, 513
Salmi, I. *et al.* 27
Saltin, B. *et al.* 464
Savola, P. *et al.* 375, 513, 518
Schlesinger, B. 97
Selander, P. 65
Selander, P. and Borglin, N. E. Suppl 135: 28
Sevastikouglou, J. A. 60
Sievers, J. *et al.* 331
Sjögren, I. *et al.* 117
Sjölin, S. *et al.* 245

Sjöfin, B. *et al.* 458
Smith, A. 469
Söderhjelm, L. *et al.* 721, Suppl 137
Söderling, B. Suppl 135: 319
Söderlund, S. Suppl 135: 225
Söderlund, S. and Zetterström, B. 114
Somersalo, O. *et al.* Suppl 135: 171
Sommerschild, H. C. 109
Sommerschild, H. and Tønjum, A. 466
Sondergaard, E. *et al.* 165
Sourander, P. *et al.* Suppl 135: 63
Steen-Johnsen, J. 466
Steinicke, O. 222
Stenström, R. *et al.* 401
Sterky, G. Suppl 135: 185
Sterky, G. and Larsson, Y. 359, Suppl 130
Sterky, G. *et al.* Suppl 135: 165
Sterner, G. and Kjellén, L. 460, 621
Sterner, G. and Svartz-Malmberg, G. 617
Sterner, G. and Tunevall, G. 349
Stewart, R. A. *et al.* 721, Suppl 137
Ström, J. 235, 460, Suppl 135: 197
Sundal, A. Suppl 135: 203
Sundelin, P. and Robertson, B. Suppl 135:178
Svanbom, M. *et al.* 461
Svartz-Malmberg, G. and Sterner, G. 617
Svendsen, H. M. 108
Swartz, C. L. *et al.* 68
Südow, G. and Okmian, L. 115
Sydow, G. von and Ranström, S. 561

Tammilehto, R. *et al.* 409
Tarukoski, P. H. *et al.* Suppl 135: 121
Taussig, H. B. 98
Terslev, E. and Ingomar, C. J. 230
Thalme, B. 649
Thamdrup, E. and Zachau-Christiansen, B. 589
Thorén, C. Suppl 135: 239
Thorén, C. *et al.* 464
Thorén, L. *et al.* Suppl 135: 63
Thorn, I. and Plum, P. 224
Ting, R. *et al.* 277
Tips, R. L. and Lynch, H. T. 585
Tønjum, A. and Sommerschild, H. 466
Törnblom, N. *et al.* 409
Torheim, B. *et al.* 471
Torup, E. 261
Tudvad, F. 223
Tunevall, G. and Sterner, G. 349

Vahlquist, B. 116, 234
Vahlquist, B. and Chakravarthy, A. 635
Vahlquist, B. *et al.* 698
Vasella, F. and Hellström, B. 665
Vestermark, S. 94
Vuille, J.-C. and Garby, L. 197
Vuille, J.-C. *et al.* 245

Wahlqvist, S. 402
Wallenius, G. *et al.* 458
Wallgren, E. I. 723, Suppl 138
Wallgren, G. and Ljungqvist, A. 575
Wallgren, G. and Ivemark, B. 238, Suppl 135: 97
Wallmark, G. 461
Walsh, Z. 161
Wasz-Höckert, O. 727, 730
Wedenberg, E. *et al.* 725, Suppl 139
Wefring, K. W. 106, 468
Weijers, H. A. and Kamer, J. H. van de 371
Werner, B. 111
Westin, B. *et al.* 269, 725, Suppl 139
Wetzenstein, H. 113
Wickman, K. *et al.* 461
Widholm, O. 730
Wilken-Jensen, K. 222
Winge, K. *et al.* 461
Wranne, L. *et al.* 458

Zachau-Christiansen, B. 227
Zachau-Christiansen, B. and Thamdrup, E. 589
Zeman, L. *et al.* 481
Zetterström, B. and Söderlund, S. 114
Zetterström, R. *et al.* 169
Zetterqvist, P. *et al.* 686

Subject Index

Accidents
burn injuries, duodenal ulcer in 115
suffocation by restraining harnesses 227
Acta Paediatrica, development of 1
Adenovirus
infections in a children's hospital 460
in hospitalized children 621
neutralizing antibodies in Swedish children 617
Adoption, aspects of, at maternity wards 111
Aldrich's syndrome 225
Allergy, evaluation of methods of study 222
Analgia, congenital 238, Suppl 135: 83
Anemia
asplastic, treatment of with anabolic steroids 201
hemolytic 225
thalassemia 55
Anthropology
cranial circumference in premature infants 13
Antibiotics
penicillin (phenoxyethyl-p and p-V) in treatment of scarlet fever 461
, new, a survey 461
, versus tetracycline in treatment of osteomyelitis 189
Arterial calcification, generalized, in stillborns Suppl 135: 103
Asphyxia
central auditory tract lesions in infants dying from 471
in newborns, urine studies of 417
Asthma, lung volumes in symptomfree children 529
Ataxia, syndromes in cerebral palsy 209
Athletics (swimming) of adolescent girls from medical point of view 464

Bacteriology
study of acute respiratory infections 349
BCG vaccination, complication in 471
Bilirubin
determination of in serum 116
effect of vitamin-A on 165
icterometer, experience with 468
Biochemistry
constituents of blood plasma in newborns 649
determination of serum bilirubin 116
studies on the skeleton in experimental micromelia 60
Blood
Aldrich's syndrome 225
anemia, aplastic, anabolic steroids in treatment of 201
, hemolytic 225
disorders in Swedish children 635
erythro-kinetics in infancy 245
, studies on hemoglobin F determination 197
hemoglobin Barts and H in an infant boy 458
levels of lipid metabolites and glucose after fatty meal 481
, of NPN, creatinine and urea in children Suppl 135: 111
neutropenia, familial, caused by deficiency of plasma factor? 497
plasma level of free fatty acids, effect of glucagon on Suppl 135: 165
protein and glucose, interaction of Suppl 135: 171
reticulo-histiocytic cells, morphology of Suppl 135: 160
thalassemia, uropepsin excretion in 55
thrombocytopenia, plasma transfusion in 523
Breast-feeding, decline of in Norway and its causes 469
Book reviews
Caffey, J.: Pediatric X-ray diagnosis 365
Christophe, J.: Contribution à la biochimie des obésités expérimentales 242
Farr, L. E., Knipping, H. W. and Lewis, W. H.: Clinical aspects of nuclear medicine 480
Ginott, H. G.: Group psychotherapy with children. The theory and practice of play therapy 365
Hagbard, Lars: Pregnancy and Diabetes Mellitus 731
Hahn, P. (Ed.): The development of homeostasis 478
Hemiplegic cerebral palsy in children and adults. Little club clinics in development medicine 477
Keller and Wiscott: Lehrbuch der Kinderheilkunde 120

Kukowka, A. (Ed.): Poliomyelitisprobleme 476
Lindemann, G.: Refractometrie der Frauenmilch 241
MacKeith, R. and Sandler, J. (Ed.): Psychosomatic aspects of pediatrics 476
Parenterale Ernährung. Nutritio et Dieta 732
Peele, Talmage L.: The Neuroanatomic Basis for Clinical Neurology 732
Potter, E. L.: Pathology of the fetus and the infant 474
Rossi, E. (Ed.): Postgraduate courses in pediatrics. Diagnose und Therapie cerebraler Lähmungen im Kindesalter 474
Schwartz, Ph.: Birth injuries of the newborn 242
Siegenthaler, W.: Klinische Physiologie und Pathologie des Wasser- und Salzhaushaltes 478
Silverman, William A.: Dunham's Premature Infants 731
Stevenson, A. et al.: Human genetics 240
Ströder, J. (Ed.): Pädiatrische Fortbildung 480
Thamdrup, E.: Precocious sexual development 241
Timmer, M.: Child mortality and populations pressure in the D. I. Jogjakarta, Java 479
Weech, A. A. and Collaborators: The McIntosh era at the Babies Hospital, 1931–1960 475
Weisfeiler, J. (Ed.): The control of poliomyelitis by live poliovirus vaccine 365
Wolstenholme, G. E. W. and O'Connor, M. (Ed.): A Ciba Foundation symposium on somatic stability in the newly born 476
Wurst, F. Wassertheurer, H. and Kimeswenger, K.: Entwicklung und Umwelt des Landkindes 366

Caffey's syndrome 442
Calcium level of the plasma in newborns 649
Cardiovascular system
anastomotic operations in congenital heart disease, value of 463
aneurysm, intracranial 111
anomalies with double-trisomy 686
anomalous inferior vena cava 331
arterial calcification, generalized Suppl 135: 103
coarctation of the aorta, postoperative hypertension in 230
ductus arteriosus, patent, pulmonary and renal circulation in 723, Suppl 138
local blood flow and capillary filtration in the newborn 385
morbus caeruleus, shunt operations in 609, Suppl 134
myocarditis, diphtheric, serum transaminas in 293
pericarditis and myocarditis in Coxsackie B_5 infection Suppl 135: 197
reactive hyperemia in the newborn 544
thrombosis of the internal carotid 103
Celiac disease, treatment with unsaturated fatty acids 231
Cerebral palsy
congenital ataxic syndromes in 209
drug treatment of 224
hemiplegia, infantile, asymmetry of the skeleton in 463
Chemistry
blood concentrations on NPN, creatinine and urea Suppl 135: 111
Child psychiatry
cooperation between psychologist, physician and nurse in Child Welfare Centers 457
Child Welfare Centers
cooperation between psychologist, physician and nurse 457
hearing tests 455
morbidity and mortality in supervised and non-supervised infants Suppl 135: 130
Chloride level of newborns' blood plasma 649
Cholelithiasis in children 114
Cholesterol of bloodplasma in newborns 649
Chondrodystrophia, dysplasia epiphysialis punctata 589
Chromosome studies
normal pattern in a mental deficient infant 468
XO/XY-mosaicism in hermaphroditism 459
Chronically ill children, care of 41
Circulation
pulmonary and renal, before and after

operation for patent ductus arteriosus 723, Suppl 138
Convulsions (see also epilepsy and spasm)
due to leucin-induced hypoglycemia 169
Cortical hyperostosis, infantile 442
Coxsackie B_5 infection in two siblings 460
Cystography, suprapubic, in urinary tract disturbances 468
Cytomegalic inclusion disease, two cases of Suppl 135: 178

Deformities of the thorax 465
Dental development after maternal rubella 155
Diabetes
clinic for juvenile —, organization and function of 459, Suppl 135: 137
consumption of calories and nutrients in 459, Suppl 135: 185
glucose tolerance tests-methodology of 463
growth of diabetic children on "free diet" Suppl 135: 72
in Friedreich's ataxia Suppl 135: 239
insulin-antibodies in juvenile — 433
insulin-protein complex 99
juvenile, long-term prognosis of Suppl 135: 359
Diagnosis
virological of measles 27
Diarrhoea
caused by deficiency of sugar-splitting enzymes 371
chronic, caused by monosaccharide malabsorption 674
Diphtheria
vaccination against 233
Duodenal ulcer in burn injuries 115
Dyslexia, origin of Suppl 135: 219
Dysplasia, hereditary, of anhidrotic type 712

Ehlers-Danlos syndrome 232
Embryopathy
mental development after maternal rubella Suppl 135: 153
Endocrinology
Turner's syndrome 232
hypothyreoidism, mental prognosis in 108
Enzymes
deficiency of in glycogenosis 456
disaccharide intolerance, hereditary 454
intolerance of cane sugar 227
sugar-splitting, deficiency of 371
transaminases in diphtheric myocarditis 293
Epilepsy (see also convulsions and spasm)
acute infantile, hemiplegia in 229
convulsive brain activity in sheep fetuses 81
infantile spasm, tryptophan metabolism in 665
renal changes in treatment with oxazolinidine-dianoes 462
Erythroblastosis fetalis, stillbirths in Suppl 135: 203

Fetus
cord round the neck 594
Listeria infection of 698
epileptogenic properties of the brain 81
human glandular organs, ponderal growth of 375
nitrogen content of glandular organs 513
, of non-glandular organs 518
Fibroelastosis, endocardial, in siblings 94
Fibrous dysplasia of the bones, renal tubular defects in 104
Fölling's disease (see also phenylcetonuria)
study of monozygotic twins Suppl 135: 88
Friedreich's ataxia, diabetes in Suppl 135:239

Gaucher's disease 137: 464
Gammaglobulin, disturbances of in disease 100
Gastrointestinal tract
anomalies of intestinal rotation 113
celiac disease, treatment with unsaturated fatty acids 231
cystic fibrosis of the pancreas, incidence of in Sweden 65
duodenal ulcer in burn injuries 115
enteritis, regional (Crohn's disease) 238
midgut rotation and fixation, anomalies of Suppl 135: 225
thoracic stomach 228
ulcerative colitis 104
Genetics
chromosome studies in 11 families with multiple cases of mongolism 180
chromosomal translocation 6

, in a mongoloid child with atypical features 337
consanguineous marriage with malignant osteopetrosis 585
double-trisomy, new with cardiovascular and other anomalies 686
hermaphroditism verus with XO/XY-mosaicism 459
mental deficient infant with normal chromosome pattern 468
Glucagon, effect on plasma level of free fatty acids Suppl 135: 165
Glucose tolerance tests, methodology of 463
Glycogenosis in four siblings 456
Gonadal dysgenesia, see Turner's syndrome
Granulomatosis, non-lipid, observed for 15 years 324

Hamman-Rich syndrome in infancy 238, Suppl 135: 97
Haptoglobin in serum, level of in infancy Suppl 135: 121
Hearing test at Child Welfare Centers 455
Heart
abnormal venous return, treatment of 116
anomalous inferior vena cava with azygous and hemiazygous continuation 331
atrial septal defect with abnormal venous return, treatment of 116
coarctation of the aorta, postoperative hypertension in 230
congenital disease, value of anastomotic operations 463
Coxsackie B_5 infection Suppl 135: 197
cyanotic patients, selection for operation 98
ductus arteriosus, patent, pulmonary and renal circulation in 723, Suppl 138
endocardial fibroelastosis in siblings 94
myocarditis, diphtheric, transaminases in 293
shunt operations in morbus caeruleus 609, Suppl 134
Hematuria, essential, prognosis of 630
Hemiplegia, spastic, skeletal asymmetry in 463
Hemoglobin
A, synthesis of 245
F, synthesis of 245
Bart in an infant boy 458
H in an infant boy 458
Hemorrhagic disorders
thrombocytopenic purpura, plasma transfusion in 523
Heredity
dysplasia of anhidrotic type 712
Gaucher's disease in Sweden 564
Hermaphroditism, XO/XY-mosaicism in 459
Hernia
diaphragmatic 229
external, incidence of in premature infants 161
Hormones
anabolic steroids in aplastic anemia 201
decadurabolin in treatment of muscular dystrophy 226
insulin-antibodies in diabetics 433
noradrenalin, thermogenic response of newborns to 284
steroid therapy in nephrotic syndrome 109
, of Still's disease 97
Hydrocephalus, internal, reflexes of spinal automatism in Suppl 135: 14
prognosis of 117
Hypercalcemia, idiopathic Suppl 135: 144
Hypertension
postoperative in coarctation of the aorta 230
renal stenosis, unilateral, in newborns 575
Hypoglycemia, leucin-induced 169
Hypothermia in asphyctic newborn guinea pigs 269
Hypsarrhythmia, tryptophan metabolism in 665

Immunization programme for infants 234
Immunology
adenovirus neutralizing antibodies in Swedish children 617
defect of immunglobulin metabolism (Aldrich's syndrome) 225
general immunologic defect as cause of fatal BCG-vaccination 471
insulin antibodies in diabetics 433
Inborn error of metabolism (see also Enzymes)
phenylketonuria Suppl 135: 88
Infantilism in girls 225
Infections
acute respiratory, bacteriological and virological study 349

adenovirus, in a children's hospital 460
Coxsackie B_5, in two siblings 460
intrauterine, poliomyelitis 661
Listeriosis, perinatal 466
Listeria in fetus and newborns 698
measles, live attenuated vaccine 401
nosocomial on maternity ward Suppl 135: 45
pertussis, vaccination 232
poliomyelitis-DTP vaccination 409
prenatal 730
quadruple vaccination 233
rubella, maternal, dental development after 155
scarlet fever, penicillin treatment of 461
staphylococcal, in surgical cases, treatment with methicillin 461
Insulin-protein complex 99
Invalidity, incidence of in children 41

Jaundice
experience with icterometer 468

Kidney
ectopic 228
circulation, renal, in patent ductus arteriosus 723, Suppl 138
function in respiratory distress syndrome 313
nephronophthisis 651
unilateral cystic 229
tubular defects in fibrous dysplasia of the bones 104

Lapp children, health and development of 362, Suppl 131
Leucodystrophy, metachromatic, diagnosis by biopsy of peripheral nerves 458, Suppl 135: 63
Letterer-Siwe disease, observed 15 years 324
Linoleic acid in infant feeding 721, Suppl 137
Listeria infection 466, 698
Lungs, ventilatory capacity 68
Lungvolumes 68, 553

Malformations
anomalies of intestinal rotation 113
cardiovascular and double-trisomy 686
bladder neck obstruction 472
insulin-induced micromelia in chickens 60
omphalocele and diaphragmatic hernia 229
, treatment of 113
skin and bone defects of the skull 103
Measles, live attenuated vaccine, clinical and immunological studies 401
virological diagnosis 27
Meningitis
in newborns, prognosis of 303
purulent, prognosis of subdural effusions 110
Mental deficiency
mongolism, chromosome studies in 180
Metabolism, inborn error of disaccharide intolerance 454
Metachromatic leucodystrophy, urinary examination in 49
Methodology
ultramicrochemical analyses 649
Migraine in school children 614, Suppl 136
Mongolism 6
atypical with chromosomal translocation 337
chromosomal studies in 11 families with multiple cases of 180
mongolism-like infant with normal chromosomes 468
Mucoviscidosis (see also Cystic fibrosis of the pancreas)
meconium-ileus-equivalent in a 15 year old patient 344
Mumps in Lapp children 33
Muscular dystrophy, treatment with decaduraboline 226
Myositis ossificans, progressive 223

Nephronophthisis, familial, juvenile 561
Nephrotic syndrome, steroid treatment 109
Neurology
acute infantile hemiplegia, pathogenesis of 229
analgia, congenital Suppl 135: 83
aneurysm, intracranial 111
ataxic syndromes in cerebral palsy 209
central nervous system reaction in pertussis vaccination 232
cerebrospinal fluid in premature infants Suppl 135: 54
cerebral palsy, drug treatment of 224
Friedreich's ataxia, diabetes in Suppl 135: 239
hydrocephalus, internal, reflexes of spinal

automatism in Suppl 135: 14
, prognosis of 117
intracranial pressure, increased, differential diagnosis of 467
leucodystrophy, biopsy of peripheral nerves 458
meningitis in newborns, prognosis of 303
, subdural effusion in 110
mentally deficient children, growth of 643
metachromatic leucodystrophy 49
migraine in school children 614, Suppl 136
neurological signs in Gaucher's disease 137
nerve injuries following injections 466
pneumoencephalography, prognostic value of 224
peripheral nerve changes in metachromatic leucodystrophy Suppl 135: 63
reactions associated with triple inoculations 235
successful operation of tuberculoma intracranial 226
tics, follow-up study 261
Neutropenia, familial, deficiency of plasma factor? 497
Newborns
adoption of from the maternity ward 111
asphyxia, influence of on central auditory tracts 471
, gastro-intestinal oxygen in 269
asphyxiated and dysmature, urine in 417
assessing the conditions of 99
blood plasma constituents in 649
breathing, development of mechanics of Suppl 135: 121
cord round the neck 594
feeding of in the infant ward 237
hemoglobin A and F, synthesis of 245
, Bart and H in a boy 458
hemorrhagic tendency in 106
hymenal polyps in Suppl 135: 28
hypertension due to unilateral renal stenosis 575
Listeria infections of 466, 698
local blood flow and capillary filtration 385
meningitis, prognosis of 303
omphalocele, treatment of 113
pes calcaneo-valgus 113
poliomyelitis in 661
prothrombin plasma level, effect of Synkavit and Vikastab on 165
reactive hyperemia in foot and calf 544
respiration, onset of 121
risk of infection from the mucus catheter 98
thermogenic response to noradrenaline 284
upper respiratory mechanism Suppl 135: 32
weight and length of in 1918–22 and 1938–42 Suppl 135: 8
Nitrogen content of glandular organs in fetal life 513
, of non-glandular organs in fetal life 518
Noradrenaline, thermogenic response of newborns to 284
Nutrition
ad libitum feeding of prematures 277
fatty meal, blood levels of lipid metabolites and glucose after 481
linoleic acid in infant feeding 721, Suppl 137
milk, antigenic relationship of human, goat and bovine — 509

Obituary
Wilhelm Wernstedt 369
Oligophrenia
growth of mentally defective children 643
Omphalocele and diaphragmatic hernia 229
Orthopedics
feet of children 112
pes calcaneo-valgus in newborns 113
Osteomyelitis
three cases of 231
treatment with penicillin and tetracycline 189
Osteopetrosis, congenital, malignant 585
Oxygen insufflation, gastrointestinal, in asphyctic guinea pigs 269

Pancreas, cystic fibrosis of in Sweden 65
Pediatric Association, International 116
Pediatric education, report of the Secretary General of the Int. Ped. Ass. 244
Penicillin
methicillin in staphylococcus infection in surgical cases 461
new, a survey of 461
, research fronts in 462
penicillin-V in treatment of scarlet fever 461
phenoxyethylpenicillin in scarlet fever 461
Pertussis vaccination 232, 233
central nervous system reaction in 232

Phenylketonuria in monozygotic twins Suppl 135: 88
Phosphorus, inorganic, of blood plasma in newborns 649
Pneumoencephalography, prognostic value of 224
Pneumonia, ventilation studies in 490
Poliomyelitis
  antibody response to primary immunization with polio-DTP vaccine 409
  in Lapp children 33
  in newborns 661
  live poliovirus vaccine 233
  lung volumes in 553
  vaccination against 233
Premature infants
  cerebrospinal fluid in Suppl 135: 54
  cranial circumference in 13
  feeding of 277
  incidence of external hernias in 161
  lesions of the central auditory tract in asphyctic — 471
  prophylactic D-vitamin administration 233
  respiratory distress, renal function in 313
Progeria 438
Protein
  molecular basis of disease 99
  of blood plasma in newborns 649
Prothrombin
  effect of vitamin K on plasma — 165
Psychiatry
  suicidal attempts 17
Purpura, thrombocytopenic, plasma transfusion in 523

Regional enteritis (Crohn's disease) 238
Respiratory tract
  acute infection, bacteriological and virological study 349
  asthmatic symptomfree children, lung volumes in 529
  circulation, pulmonary in patent ductus arteriosus 723, Suppl 138
  Hamman-Rich syndrome 238, Suppl 135:97
  lungs, mechanical properties of 68
  lungvolumes and body positions 255
  lungvolumes in poliomyelitis, influence of body position and thoraco-abdominal appliance 553
  mechanics of breathing, development of in the first week of life Suppl 135: 121
  pneumonia, ventilation studies in 490
  pulmonary ventilation and mechanics of breathing 121
  renal function in respiratory distress 313
  risk of infection from the mucus catheter in newborns 98
  ventilation studies in children 427
Reticulosarcomatosis 222
Rheumatology
  Still's disease, course of 97
Rh-immunization in pregnancy, survey of Suppl 135: 203
Rickets
  prophylactic D vitamin administration in prematures 223
Rubella, maternal
  dental development after 155
  mental development after Suppl 135: 153

Schlatter's disease 114
Skeleton
  asymmetry in infantile hemiplegia 463
  atlanto-axial joint, subluxation of 88
  bone defects of the skull 103
  dysplasia epiphysialis punctata 589
  fibrous dysplasia, tubular defects in 104
  hyperostosis, cortical, infantile 442
  Osgood-Schlatter's disease 114
  osteitis, three cases of 231
  osteomyelitis, antibiotic treatment of 189
  osteopetrosis, congenital, malignant 585
Social pediatrics
  adoption of newborns, aspects of 111
  breastfeeding, decline of in Norway and its causes 469
  Child Welfare Centers, cooperation between psychologist, physician and nurse in 457
  , morbidity and mortality of children at Suppl 135: 130
  , eye examinations in 237
  social conditions in Stockholm as compared with those in small towns and rural areas 237
Health supervision of teenagers 727
Spasm, infantile, tryptophan metabolism in 665

Staphylococcus
infection in surgical cases, treatment with methicillin 461
, on maternity ward Suppl 135: 45
Still's disease, steroid therapy of 97
Subluxation, spontaneous, of the atlanto-axial joint 88
Suicidium, attempts of in children and adolescents 17
Surgery
selection of cyanotic patients for operation 98
Swimming, hard training of adolescent girls, medical points of view 464

Tetanus, vaccination against 233
Thalassemia, uropepsin excretion in 55
Thrombosis of the internal carotid 103
Thyreoidea
hypothyreoidism, mental prognosis in 108
Tics in children, follow-up study of 261
Torticollis, congenital 467
Tryptophan metabolism in infantile spasm 665
Tuberculosis
BCG vaccination, disseminated, in an infant 471
tuberculoma, intracranial, succesful operation of 226
Tumors
reticulosarcomatosis 222
tuberculoma, intracranial, succesful treatment of 226
Wilm's tumor, treatment of 102
Turner's syndrome 232

Ulcerative colitis 104
Urinary tract
bladder neck obstructions 472
cystography, suprapubic, in children 468
ectopic kidney 228
hematuria, essential, prognosis of 630
kidney, unilateral cystic 229
nephronophthisis, familial, juvenile 561
nephrotic syndrome, steroid treatment of 109
renal changes during treatment of epilepsy with oxazolidine-dianoes 462
, function in respiratory distress 313
, stenosis, unilateral, with hypertension 575
tubular defects in fibrous dysplasia of the bones 104
urine of asphyxiated and dysmature newborns 417
Wilm's tumor, treatment of 102
Uropepsin excretion in thalassemia 55

Vaccination
antibody response to polio-DTP vaccine 409
BCG, fatal disseminated, in an infant 471
combined polio-tetanus-diphtheria and pertussis 233
immunization programme for infants 234
live attenuated measles virus vaccine 401
pertussis 232
reactions associated with triple inoculations 235
Vitamins
D-prophylactic administration of in premature infants 223
K- (Synkavit and Vikastab) effect on bilirubin and plasma prothrombin 165
, in the prevention of bleeding in newborns 106
Virology
adenovirus, incidence of in a children's hospital 460
, neutralizing antibodies in Swedish children 617
, occurrence of in hospitalized children 621
Coxsackie B_5 infection in two siblings 460
, with meningeal, skin and heart manifestations Suppl 135: 197
measles, diagnosis of 27
, live attenuated vaccine, studies on 401
poliomyelitis in newborns 661
, and mumps in Lapp children 33
, -DTP vaccine 409
rubella, maternal, dental development after 155
study of acute respiratory infection 349

Wilm's tumor, treatment of 102